

# DX News

Serving DXers since 1933



Volume 85, No. 2 • October 16, 2017 • (ISSN 0737-1639)

## Inside this issue . . .

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**From the Publisher:** No DDxD-West this issue, as Jim Telford has been ill – but he's doing much better now and will be back with a double-sized column next time.

Thanks to Ernie Wesolowski for the photo of Paul Swearingen from the 2015 Kansas City convention auction, which appears on page 18.

**Paul Swearingen (1945-2017) Obituary:** Paul Lee Swearingen passed away too soon on September 22, 2017, at Midland Hospice in Topeka, Kansas at 72 years of age. Paul was totally dedicated to his lifelong passion—teaching young people English, Spanish, photography and journalism, while acting as a counselor and adviser. Paul's long, productive and rewarding career spanned from 1967 to 2010, when he retired.

Paul rose from humble beginnings...working on his parents' farm until he enrolled in college. He was a fervent and dedicated scholar, garnishing the Salutatorian award at his graduation from junior college. Paul excelled in his studies at Kansas State Teachers College in Emporia, Kansas while working part-time as a radio station announcer. Committed to higher learning and determined to reach his full potential, he attended night and summer classes until he was awarded a Master's Degree in English.

Paul served as an advocate for students and fellow teachers alike. He was an active and vocal member of teachers' unions throughout his career, often bringing to light unauthorized and unfair practices promulgated by school districts and administrators.

During his lifetime, Paul pursued several interests... extensive and impressive stamp and coin collections, to name a couple. He was an avid photographer, an accomplished numismatist and was recognized in the trade as an expert judge of genuine and counterfeit coins. He served for many years as the publisher of a national radio club's monthly magazine. He was an active member of Modern Woodmen of America and supported their activities wherever he lived.

Paul struggled mightily against the bonds of cancer for five years before he finally succumbed. Never once did he utter a word of complaint

during this painful, frustrating and prolonged battle. During his final years of life, Paul encouraged others to take this monster... cancer... seriously... and schedule precautionary tests regularly and frequently. Paul was simply not ready to leave this world... so many tasks unfinished and so many goals unrealized. May he now rest in peace for eternity.

**Universal Radio Is Moving:** Fred Osterman passes along the news that Universal Radio is moving its Columbus-area location from Reynoldsburg to Worthington, OH. This will be the fourth location for Universal since its founding in 1942. Effective October 12, the new address will be 651 Lakeview Plaza Blvd., Suite B, Worthington, OH 43085. The store hours and phone number remain unchanged. For more information, check their web page at [www.universal-radio.com](http://www.universal-radio.com).

### Volume 85 DX News Schedule

No	D'dline	Print	No	D'dline	Print
3	Oct. 20	Oct. 30	12	Feb. 23	Mar. 5
4	Nov. 3	Nov. 13	13	Mar. 16	Mar. 26
5	Nov. 17	Nov. 27	14	Apr. 6	Apr. 16
6	Dec. 1	Dec. 11	15	Apr. 27	May 7
7	Dec. 15	Dec. 25	16	May 25	June 4
8	Dec. 29	Jan. 8	17	June 22	July 2
9	Jan. 12	Jan. 22	18	July 20	July 30
10	Jan. 26	Feb. 5	19	Aug. 17	Aug. 27
11	Feb. 9	Feb. 19	20	Sept. 7	Sept. 17

### Membership Report

One of our longtime members has passed: Clement Tavaras, who subscribed to *DX News* under his business name, Markarian Brothers. Our condolences to his family and friends.

**New Members:** Welcome to Ken Holder, Clovis, CA; and Shane Jellison, Portland, IN.

**Returning Member:** Welcome back to Pat Doak, Huron, SD.

**Renewing Members:** Thanks for the ongoing support of Frank Aden, Jr; Donald A. Boyer; Dave Braun; Glenn Cooper; Gary DeBock; Kurt Decker; Marc DeLorenzo; Robert Eddy; Jerry Ervine; Daniel Haggett; Mark Hyland; John Kraemer; John R. Malicky; Rod O'Connor; Dan K. Phillips; John T. Ridge; Robert Rodriguez; and Robert Ruckman.

# AM Switch

David Yocis, 9412 Ferry Landing Ct., Alexandria VA 22309, [NRCDXNews@gmail.com](mailto:NRCDXNews@gmail.com)  
Canadian info – Compiled by Shawn Axelrod and Dan Sys  
NRC AM Log updates from Wayne Heinen, [amradiolog@nrcdxas.org](mailto:amradiolog@nrcdxas.org)

## *Official updates from the FCC and the CRTC*

### CALL CHANGES

- 900 WJIE KY **Louisville** – Call change (back) to WFIA (Oct. 3).  
1160 KVCE TX **Highland Park** – Call change to to KBDT (Sept. 29).  
1200 WCHB MI **Taylor** – Call change to WMUZ (Oct. 1; station is silent).  
1340 WEXL MI **Royal Oak** – Call change to WCHB (Oct. 1).

### STATIONS GOING DARK

- 630 KTKK UT **Sandy** – License cancelled at licensee's request per letter dated Sept. 27; has been silent since May 1.  
780 WZZX AL **Lineville** – License cancelled at licensee's request per letter dated Aug. 1, 2016, but not posted to FCC web site Sept. 26.  
1510 KLLB UT **West Jordan** – License cancelled at licensee's request per letter dated Sept. 25.



### CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

- 960 KOVO UT **Provo** – CP with U1 5000/140, coordinates to 40-12-22/111-40-11, is on the air.

CPs granted:

- 1070 WMIA PR **Arecibo** – Granted CP with U1 510/2500 (correction from last issue).  
1350 KLHC CA **Bakersfield** – Granted CP with U1 1000/12, new tower at 35-20-59/118-58-49.

Application to amend CP dismissed:

- 1580 KQFN AZ **Tempe** – Has CP for U1 50000/95 from a new site; application to amend the CP to U1 50000/295 dismissed at licensee's request; expects to apply for license to cover the existing CP in October.

### SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 580 WKAQ PR **San Juan** – Granted STA, U1 10000/4500, better post-Maria coverage.  
720 WRZN FL **Hernando** – Granted STA, reduced day power (using U2 5000/250), Hurricane Irma damage.  
870 WQBS PR **San Juan** – Granted STA, U1 1250/1250, Hurricane Maria damage.  
930 WBEN NY **Buffalo** – Granted STA, parameters at variance or U1 5000/1250, replacing a tower for temporary duplexing of WKSE-98.5.  
1000 WRTG NC **Garner** – Granted STA, D1 250 with partial tower or 250-foot LW at licensed site; part of the tower collapsed when trees were cut at the tower site.  
1230 WLNR NC **Kinston** – Granted STA with reduced power, off air due to flooding but will need to come back on the air with around U1 250/250.  
1320 WDDV FL **Venice** – Granted STA with U4 5000/250, day pattern 24 hours, Irma damage.  
1430 WTMN FL **Gainesville** – Granted STA with reduced day power (using U1 1000/45), Irma.  
1450 WRNN SC **Myrtle Beach** – Granted STA with reduced power (using U1 200/200), due to failed power amplifier, but has now resumed full-power operation.  
1470 WTZE VA **Tazewell** – Granted STA with reduced power (using D1 1350), transmitter issues.  
1550 WCSJ IL **Morris** – Granted STA, U1 60/6, transmitter power module problems.  
1600 KLGZ IA **Algona** – Granted STA, U4 500/500 with backup transmitter.

Applications for STAs received:

- 630 KFXD ID **Boise** – Applies for STA with reduced power (using U4 4000/4000), transmitter failure.  
1160 WKCM KY **Hawesville** – Applies for STA with U1 2500/55; problems with night pattern.

- 1520 KOLM MN Rochester – Applies for STA with U3 800/800 from night site; failure of underground cable at day site.
- 1540 WJZI IN Decatur – Applies for STA with D1 62 from temporary longwire.
- 1550 WHIT WI Madison – Applies for STA with parameters at variance; microwave link being installed on towers.

Applications for STA denied:

- 1540 WDCD NY Albany – Denied STA to reduce power to see what it would do to its coverage area; a similar non-technical STA request was also recently denied.

Extensions to existing STAs granted:

- 710 KXMR ND Bismarck – Granted STA extension, U7 25000/4000 (ch 13000).
- 790 KEJY CA Eureka – Granted STA extension, U1 500/110 from KWSW-980 tower.
- 1170 WGMP AL Montgomery – Granted STA extension, U1 850/17 as in CP.
- 1220 WABF AL Fairhope – Granted STA extension, D1 250 from WERM-1480 tower.
- WSRQ FL Sarasota – Granted STA extension, D1 150, vertical wire at 27-19-19/82-24-27.
- 1280 WJYE ME Gardiner – Granted STA extension, U1 5000/40 as in CP.
- 1330 WINT OH Willoughby – Granted STA extension, U1 125/10.5.
- 1370 WWCB PA Corry – Granted STA extension, U1 1000/125.
- 1430 KVVN CA Santa Clara – Granted STA extension, U1 250/625.
- 1480 WZRC NY New York – Granted STA extension, parameters at variance or U1 1250/1250.

Applications to extend existing STAs received:

- 560 WNSR TN Brentwood – Applies to extend STA, U1 1125/75 from licensed night site.
- 630 KSLR TX San Antonio – Applies to extend STA, parameters at variance.
- 930 KLUP TX Terrell Hills – Applies to extend STA, parameters at variance.
- 970 KUFO OR Portland – Applies to extend STA, parameters at variance.
- 1140 KXST NV North Las Vegas – Applies to extend STA, parameters at variance.
- 1260 WCHV VA Charlottesville – Applies to extend STA, U1 1250/625.
- 1280 KFRN CA Long Beach – Applies to extend STA, reduced power.
- 1450 WTKI AL Huntsville – Applies to extend STA, U1 550/550 from temporary LW, site.
- 1460 KARR WA Kirkland – Applies to extend STA, U1 250/250 from temporary LW, site.
- 1490 WOSH WI Oshkosh – Applies to extend STA, reduced power (using U1 750/750).

Application to extend existing STAs dismissed:

- 830 KFLT AZ Tucson – Application to extend STA dismissed, back to regular operations.

#### SILENT STATIONS

Formerly silent stations informing the FCC that they are back on the air:

- 580 KZMX SD Hot Springs – Silent Feb. 23; on the air Sept. 26.
- 1230 WAMM VA Woodstock – Silent Sept. 22 (2016); on the air Sept. 16.
- 1270 WNOG FL Naples – Silent Sept. 10; on the air Sept. 21.
- 1460 WNPL FL Golden Gate – Silent Sept. 10; on the air Sept. 21.

Stations informing the FCC that they are silent:

- 1060 WIXC FL Titusville – Silent Sept. 25, had been on intermittently since Hurricane Irma damage Sept. 11.
- 1110 WVJP PR Caguas – Silent Sept. 20, facilities damaged in Hurricane Maria.
- 1190 KJJI AR White Hall – Silent Aug. 27, transmitter failure.
- 1240 KRAL WY Rawlins – Silent Sept. 8, tower damage from high winds.
- 1340 KJMU OK Sand Springs – Silent Sept. 10, loss of programming source.
- 1450 WMFJ FL Daytona Beach – Silent Sept. 12, flooding from Hurricane Irma.
- 1490 WSTP NC Salisbury – Silent Oct. 1, ending of time brokerage agreement.
- 1500 WKIZ FL Key West – Silent Sept. 10, damage from Hurricane Irma.
- 1520 WRSJ PR San Juan – Silent Sept. 20, facilities destroyed in Hurricane Maria.
- 1540 WIBS PR Guayama – Silent Sept. 20, facilities destroyed in Hurricane Maria.
- 1580 WVOZ PR Morovis – Silent Sept. 25, generator failed after Hurricane Maria.
- 1590 WPUL FL South Daytona – Silent Sept. 11, damage from Hurricane Irma.
- 1660 WGIT PR Canovanas – Silent Sept. 20, facilities destroyed in Hurricane Maria.
- 1690 WIGT VI Charlotte Amalie – Silent Sept. 7, damage from Hurricane Irma.

#### COORDINATE CORRECTION

- 1590 WQCH GA Lafayette – Applies for CP to correct coordinates to 34-42-56/85-16-04.

## *NRC AM Log updates*

580	KUBC	CO	Montrose	– Slogan to "Talk Radio."
590	WMBS	PA	Uniontown	– Format NOS/TLK (ex-NOS); slogan to "Your Local Station," networks to C/WW1/LCL.
680	KNBR	CA	San Francisco	– Networks to CS. (JW)
	KFEQ	MO	Saint Joseph	– Networks to Fox/AGt/Mo/Ru/P/FSR/JBo.
690	KGGF	KS	Coffeyville	– Format to NWS/TLK/SPT (ex-NWS/TLK); slogans to "News Radio," "The Mighty 690"; hours to 24 hr. (JW/WH)
710	KFIA	CA	Carmichael	– Slogan to "The Word."
	WEGG	NC	Rose Hill	– Reported Silent. (GC)
840	WRYM	CT	New Britain	– Adds // W297BT-107.3. (FCC)
	KARS	NM	Belen	– Slogan to "La Jefa 102.9." (JW)
870	KAAN	MO	Bethany	– Format to FARM/SPT (ex-OLD); slogan to "Regional Radio ESPN 870 & 103.7," networks to A/Mo/AGt/Bf/ESPN. (GH)
930	KMPT	MT	East Missoula	– Networks to A/SRN/P/DR/WW1/RER. (WH)
940	KDIL	ID	Jerome	– Adds // K232FO-94.3. (FCC)
980	KICA	NM	Clovis	– Delete Grp= ESPN for eastern New Mexico & the Panhandle.
1010	KTNZ	TX	Amarillo	– Format to SS:REL (ex-SPT); networks to RCM; adds // K233CB-94.5; Delete Grp= ESPN for eastern New Mexico & the Panhandle. (KAZ)
1090	KTGO	ND	Tioga	– Slogan to "1090 The Flag."
1100	KNZZ	CO	Grand Junction	– Slogan & Group to Grp= NewsRadio 1100.
	WZFG	MN	Dilworth	– Slogan to "1100 the Flag."
1110	WTOF	AL	Bay Minette	– Networks to SRN. (RR)
1130	KTMR	TX	Converse	– Adds // K223CT-92.5. (FCC)
1140	WAWK	IN	Kendallville	– Slogan to "96.5 FM 1140 AM The Hawk."
1150	KAGO	OR	Klamath Falls	– Networks to Fox/P/Ru/DR/WW1/C2C.
1190	KVSV	KS	Beloit	– Slogan to "The Voice of the Solomon Valley." (JW)
1230	WTCJ	IN	Tell City	– Format to UC (ex-AC); slogan to "93.3 the Vibe," drops nets.
1240	KNRY	CA	Monterey	– Slogan to "1240 K-surf."
1260	WNOO	TN	Chattanooga	– Slogan to "Soul of Chattanooga."
1290	WYLY	OH	Bellaire	– Slogan to "Willie 100.1 & 1290."
1300	WOSW	NY	Fulton	– Delete // WOLF-FM-92.1.
1330	WBGW	IN	Evansville	– Slogan to "Thy Word Network, more music, more ministry." (PS)
	CJYM	SK	Rosetown	– Slogan to "Your Music Your Memories." (WH)
1340	WCHB	MI	Royal Oak	– Format to UC:GOS (ex-UC:GOS/REL); slogan to "Detroit's gospel station." (CR)
1360	WMOB	AL	Mobile	– Networks to SRN. (RR)
1380	WBEL	IL	South Beloit	– Format to Rock (ex-TLKd/OLDn-wknds); slogan & Group to Grp=The Beat 92.3/98.9.
	WABH	NY	Bath	– Format to C&W/SPT (ex-NOS); slogans to "Your Hometown Stations," 100.3; drops nets; adds // W229AR-93.7; delete Grp= Where all the Good Songs Have Gone
1400	WKAU	VA	Charlottesville	– Format to CCR (ex-SPT); slogan to "94.1 the Oasis," drops nets; adds // W231AD-94.1.
1430	WGFS	GA	Covington	– Format to UC:GOS (ex-Brokered:ETH); slogan "1430 The King."
1470	KIID	CA	Sacramento	– Format to Punjabi (ex-KID); drops nets.
1490	WFZX	AL	Anniston	– Format to UC (ex-CLR); slogan to "The Vibe."
	KJOQ	MN	Duluth	– Slogan to "The Jock 1490."
	WOLF	NY	Syracuse	– Adds // W223CP-92.5; delete // WOSW-1300.
	WNDA	PA	Wellsboro	– Slogan & Group to Grp=WOGA In Tioga.
	WLFN	WI	La Crosse	– Format to NWS/TLK/SPTwknd (ex-NWS/TLK); networks to Fox/Wi/Bf/Ing/WW1/RER/FSR.
1520	KRHW	MO	Sikeston	– Slogan to "Country Legends."
1530	WLAK	WI	New Holstein	– Slogan to "1590's new sister station, 1530, WGBW."
1580	KHGG	AR	Van Buren	– Format to SPT (ex-C&W); slogan to "Fox Sports," networks to FSR/Ar.
	KFCS	CO	Colorado Springs	– Adds // K282BU-104.3. (FCC)
1590	WRSB	NY	Brockport	– Format to SS:CHR (ex-SPT); slogan to "Mi 97.5," drops nets.
	KWEY	OK	Weatherford	– Format to C&W (ex-SPT); nets to A/Ok/Oa, drop slogan.

1600 WEHH NY Elmira Heights-Horseheads – Slogan to "Where All the Good Songs Have Gone," adds // W230BB-93.9.

WUCT TN Algood – Slogan to "NewsTalk 94.1 & 1600."

### Group Update

Grp= GEM 104 FM – Drops W226CG-93.1

Grp= Heart of Jesus Radio – Adds W248CH-96.7

### New Groups

Grp= NewsRadio 1100 – KNZZ-1100, K224FE-92.7, K228EV-93.5

Grp= The Beat 92.3/98.9 – WBEL-1380, W222AU-92.3, W255CZ-98.9

Grp= WOGA In Tioga – WOGA-92.3, WNDA-1490, W226CG-93.1

### Deleted Group

Grp= ESPN for eastern New Mexico & the Panhandle (KAZ)

Grp= Where all the Good Songs Have Gone

Our Thanks to Shawn Axelrod, Bill Hale, FCC Database (FCC), Bruce Conti (BC), WZON Charles Reh (CR) WAMB, Eric Buenaman (EB), Steve Francis (SF), Paul Snider (PS), John Wilkins (JW), Scott Fybush (SFy).

## FCC Silent Station List

99 stations on the FCC web site as of October 6, 2017 – often less than 100% accurate.

580 KANA-MT	1150 KBPO-TX	1370 KFRO-TX	1530 KQSP-MN
630 KLEA-NM	1170 WCXN-NC	1380 KDXE-AR	WOBX-NC
730 WLTV-SC	1190 KJJI-AR	1400 WFLA-FL	WZTE-PA
740 KTFS-TX	1200 WMUZ-MI	1410 WIQR-AL	KVOG-Guam
790 KKON-HI	1210 WLRO-LA	1440 KPTO-ID	1540 WKDG-AL
820 WTNW-TN	1220 WSTL-RI	1450 WCOX-AL	WJZI-IN
850 KHLO-HI	WLSA-VA	KQTE-CA	WONA-VA
880 WAMI-AL	1230 WMAF-FL	WMFJ-FL	WIBS-PR
910 KLCN-AR	WLNK-NC	WBVA-VA	1550 KRZD-MO
KWDZ-UT	1240 WULA-AL	WCLM-VA	WUSP-NY
940 KCOE-OR	WKIQ-FL	1460 KHRA-HI	1560 WLZR-FL
980 WWKY-KY	WNBZ-NY	WPON-MI	1570 KLEX-MO
990 KZZB-TX	KRAL-WY	1470 WPNS-AL	WFTU-NY
1000 WJBW-FL	1260 KBHC-AR	1480 WVOV-AL	1580 WNTF-FL
1020 WHDD-CT	1270 WMDG-GA	KPHX-AZ	WVOZ-PR
WLVJ-FL	WMLC-MS	WVOI-FL	1590 WPUL-FL
1050 WBVG-NY	1290 WJBI-MS	WRCK-NY	WGGO-NY
1060 WIXC-FL	1300 WOSW-NY	WQTM-NC	WABV-SC
WGSB-NC	KLLS-TX	1490 WSTP-NC	1600 WLAA-FL
1080 WONS-KY	1320 KFNZ-UT	KFKB-WA	WXMY-VA
1110 WTIS-FL	1340 KJMU-OK	KJNT-WY	1660 WGIT-PR
WMUX-WV	KOLE-TX	1500 WKIZ-FL	1680 WOKB-FL
WVJP-PR	1350 KLHC-CA	WQMS-MS	1690 WIGT-VI
1140 WNWV-FL	KUSG-Guam	1510 WMEX-MA	1700 WRCR-NY
WMMG-KY	1360 WHCG-GA	1520 WRSJ-PR	

Visit the NRC on Facebook: <https://www.facebook.com/groups/509246815818550/>

### AM Radio Log 38th Edition Now Available:

The 38th edition of the Log contains more than 300 pages of data and cross references and 12 pages of instructions in 8-1/2" x 11" size, 3-hole punched, U.S. loose leaf format. 9,000+ updates since last year's 37th Edition of the log! Order by snail mail by check or money order in U.S. funds to National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at <http://www.nrcdxas.org>.

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# Domestic DX Digest – East

Mike Brooker, 99 Wychrest Avenue, Toronto ON M6G 3X8 (Canada), [patria1818@yahoo.com](mailto:patria1818@yahoo.com)

For loggings of U.S. and Canadian stations by DXers in Eastern/Atlantic time zones

All times are Eastern Local Time (ELT)

## REPORTERS

- BC-NH** **Bruce Conti, Nashua** – Excalibur SDR, variable termination Super/Ewe antennas 50 x 75-ft at 60° northeast and 50 x 75-ft at 180° south.
- HF-MI** **Harold Frodge, Midland** – Drake R8B + 185' & 60' RW + 125' bow-tie.
- HJH-PA** **Harry Hayes, Wilkes-Barre** – Zenith Trans Oceanic, Kiwi Pocket Loop
- TLK-FL** **Terry Krueger, Clearwater** – NRD-535, IC-R75, roof dipole, active loop
- REH-ON** **Charles Reh, Leamington** – ELAD FDM-S2 SDR Wellbrook A1530 LN Pro Imperium Loop, Hybrid R390-A (Part Collins, part EAC), Sanserino air core box loop antenna.
- PS-ON** **Paul Snider, Welland** – Elad FDM-S2, Pixel Pro 1B loop.
- JW-PA** **Jim Weber, Lancaster/Oyster Point** – Grundig S350
- LW-NY** **Leslie Wood, East Meadow** – C Crane CC Skywave, SW-RS loop
- MKB-ON** **Mike Brooker, Toronto** – Grundig YB-400PE, Sony SRF-39FP, C Crane CC Skywave, Panasonic RF-2200.

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Friend me on Facebook! [www.facebook.com/keval.mike](http://www.facebook.com/keval.mike)

## TIS/HAR

- 1620 WQJI222NY Little Falls-Herkimer** – 10/1 1850 – Poor; repeated traffic message by a woman, "This is station WQJI222 broadcasting on 1620 AM... on I-90, the New York State Thruway." Lost to *R.Rebelde* Cuba. **(BC-NH)**

## UNID

- 810 unID** -- – 9/30 0648 – Mexi-tunes, no anthem across the 0700 hour, and pointing NNW. So suspect WMGC, Murfreesboro, TN, which per their website (but no logical streaming) is Mexican "El Jefe 96.7." Gerry Bishop in the Florida panhandle confirms it's not WCKA in Jacksonville, AL. They're still Country. Quickly faded. The following day, just a strong WRSO on the channel with the usual Brazilian-Portuguese tropical vocals and slogan. **(TLK-FL)**
- unID** -- – 10/1 0500 – Under WGY; Mexican music. WSYW, WMJH, and WMGC listed in NRC AM Log as Mexican format. **(BC-NH)**
- 1460 unID** -- – 10/3 0133 – Hyper SS announcer with Mexican music; one promo mentioned "La Grande." Occasional peak over WHIC and WBNS. **(HF-MI)**

## LOGGINGS

- 540 KWMT IA Fort Dodge** – 9/27 2116 – tune in to local weather, call ID into C&W (both kinds, modern and traditional!) including Gene Autry's Back in the Saddle Again. On top but fading. **(HF-MI)**
- 560 WGAI NC Elizabeth City** – 10/1 2338 – Continuous urban gospel music including "It Shall Come to Pass" (very distinctive and repetitive), "Music the whole family can listen to...only the best gospel gregorygospel.com" at 0006. Poor to very poor with CFOS, WFIL and probably WIND. // to Tune In stream. **(PS-ON)**
- 570 WTBN FL Pinellas Park** – 10/1 2200 – Sounded like they were coming out of SRN news with legal ID: "Faith Talk WTBN Pinellas Park, online at letstalkfaith.com. A service of Salem Media Group." About even with WKBN-OH and over Reloj. Previously logged as WTKN in January 1989. **(REH-ON)**
- 580 WIBW KS Topeka** – 9/23 0606 – "... on WIBW...104 point 9..." into Wall Street Journal "This Weekend" with interview on NFL brain injuries. Poor and WDBO co-channel, parallel their website stream though a good 30 seconds delay there. First time for this one here. Interesting read on their Wiki entry, ranging from original ownership, the "W" call letters, ground conductivity, sharing time with another local station until the early 2000's and the subsequent law suit. **(TLK-FL)**

**AM 580**  
**WIBW**

- 630 WREY MN St. Paul** – 10/3 0659:30 – Over/under nulled local CFCO Chatham, ON with regional Mexican music and "Radio Rey" slogan. EE legal ID: "630 AM WREY St. Paul-Minneapolis" into Spanish ad cluster including one for O'Reilly Auto

Parts. Previously logged as KDWB in October 1963 and as WDGY in October 1991. **(REH-ON)**

- WPRO RI Providence** – 10/4 0015 – Brief fade-up with call letter ID and back into the mix with gospel and C&W stations. Not heard in many years! **(HF-MI)**
- CHED AB Edmonton** – 9/24 0700 – ID at a nicely timed bit of dead air during CFCO Chatham's Sunday morning religious programming. "630 Ched [pronounced as a word] CHED Edmonton's news...conversation station." **(REH-ON)**
- 640 WMFN IL Peotone** – 9/28 1543 – Apparently testing from new city of license, ex-Zeeland, MI; running 70s-80s pop tunes, Elvis, Madonna, Dire Straits, Toto, Eagles, Queen, etc. with many repeats. ID at 1604: "You're listening to AM 6-40 WMFN... (Peotone?)-Chicago." Signal strength up and down noticeably (as on purpose). Email report sent to [sima@birach.com](mailto:sima@birach.com). **(HF-MI)**
- WOI IA Ames** – 10/4 2150 – Peak up from the mix with "Iowa Public Radio News WOI..." into news, then back under CFMJ et al. **(HF-MI)**
- CFMJ ON Richmond Hill** – 10/4 1650 – Current affairs call-in show; No ID at ToH but did catch a car ad, "on the 401." Poor over noise level, USB helped. **(HF-MI)**
- 680 WRKO MA Boston** – 9/30 1932 – Under sports station with "News-Talk Radio 680" slogan. **(LW-NY)**
- KKYX TX San Antonio** – 9/24 0644 – Traditional C&W vocal, redneck male with live read spot for a Ft. Worth rodeo event, Shania Twain concert sponsored by KKYX, all within the syndicated "Cowboy Corner" program hosted by the same dude. which I suppose is Red Steagall per <https://www.redsteagall.com/cowboy-corner>. Very tight null from WGES. **(TLK-FL)**
- CFTR ON Toronto** – 10/1 2300 – Under local WRKO Boston; regional temperatures, then ID, "This is CFTR 680 News, it's 11 o'clock." **(BC-NH)**
- 690 CBU BC Vancouver** – 9/25 0700 – CBC Radio One 3-note identifier and into news. Mixing it up with CBKF1 Gravelbourg, SK. Both about equal strength. Hadn't heard CBU in years. **(REH-ON)**
- 760 WLCC FL Brandon** – 9/23 2100 – Phony Morse code nicely cutting thru somewhat nulled local WJR Detroit. Thanks to Bruce Conti who ID'd this one. **(REH-ON)**
- 790 WAXY FL South Miami** – 10/1 0400 – Over/under WPRV and unID oldies; "This is...the Ticket, WAXY AM South Miami, WSFS FM..." with weekday morning promo into ESPN Sports Center. **(BC-NH)**
- 820 WBKK MN Wilton** – 9/25 0700 – Over/under WVSG Columbus, OH with partial ID: "This is AM...WBKK...part of the Real Presence Radio Network." WVSG and WBKK then went to EWTN but different programs and I couldn't tell which was which. **(REH-ON)**
- 850 WPTB GA Statesboro** – 10/1 0638 – Local quack medicine supplier at 912 area code, Van Halen bumper music when returning back to CBS Sports Radio from 0640. Mostly clear and fair, with no trace of WRUF (ESPN) or WFTL both of which normally dominates, and just a weak Reloj mis-timing away underneath. U2 1000/1000. **(TLK-FL)**
- 920 WMMN WV Fairmont** – 10/6 0355 – Sports talk and nice "WMMN Fairmont" ID on the hour. **(JW-PA)**
- 930 WEOL OH Elyria** – 10/4 1820 – Mainly on top with remote from a food event; mentioned "crab cake burgers"! ID as "AM 9-30 WEOL." **(HF-MI)**
- WLLL VA Lynchburg** – 10/6 0418 – Local ad for Lynchburg business, then gospel. In decently for 15 minutes but no clear ID. **(JW-PA)**
- 960 WJYZ GA Albany** – 9/19 2059 – Black gospel, call letter ID: "More music [?? unreadable ??] WJYZ" into more gospel music. LSB to reduce WWJ-950 IBOC hash. Mostly under WERC Birmingham, AL with no sign of usual WFIR Roanoke, VA. **(REH-ON)**
- 980 WAAV NC Leland** – 9/30 0500 – Through WCAP and WILK mix; "This is 980 The Wave, WAAV Leland..." into echoed ABC news from co-channel stations. **(BC-NH)**
- 1040 WURN FL Miami** – 10/2 2101 – Fair; shouting "¡Gooool!" in promo for Mundial Fútbol, then ID in English, "This is WURN 1040 AM Miami, Florida, covering the Florida Keys..." **(BC-NH)**
- 1070 CHOK ON Sarnia** – 9/24 1900 – On the hour "1070 CHOK" station ID, into oldies music. **(LW-NY)**
- 1150 WHBY WI Kimberly** – 10/1 0500 – Good; "Serving the Fox cities for over 90 years, we are 1150 WHBY and 103-5 FM Kimberly-Appleton-Fox City, a Woodward Radio Group station," into CBS news. **(BC-NH)**

- 1200 WTLA NY **North Syracuse** – 9/30 2003 – In with Mets vs. Phillies baseball game on ESPN. Mention of Mets flagship station WOR 710. **(LW-NY)**
- WKST PA **New Castle** – 9/27 1900 – Over CFGO sports talk with “this is News Radio WKST New Castle” ToH ID into Fox news. **(MKB-ON)**
- 1260 WPNW MI **Zeeland** – 9/25 2218 – Caught “96.5 and 1260 The Pledge” slogan into Eric Metaxes Show. Fair to poor in station mix. **(PS-ON)**
- CKHJ NB **Fredericton** – 9/26 2230 – Noted C&W music in station mix, heard clear “Country KHJ” slogan at 2241. Poor to very poor in station mix with WSKO, WWCR and maybe WWRC. **(PS-ON)**
- 1270 WBOJ GA **Columbus** – 10/2 2100 – With WXYT-Detroit nulled, caught legal ID: “WBOJ Columbus and W273CW Columbus. Boomer 102.5.” Into “The Rock and Roll House Party.” Previously logged as WGBA in April 1964 and as WHYD in February 1966. **(REH-ON)**
- WTJZ VA **Newport News** – 9/25 2223 – “The Nightly Spirit” gospel show, ad for financial company, more music. WHLD Niagara Falls (semi local) seems to be missing or subdued tonight. Fair at times to very poor. // to Tune In stream. **(PS-ON)**
- 1290 WJCV NC **Jacksonville** – 9/29 2016 – Fair with local football game. Ads for Bradley Jewelry and Aqua Grading and Paving. **(HJH-PA)**
- 1330 WBGW IN **Evansville** – 9/27 0010 – Christian rock and gospel music, “Thy Word Network” slogan, more music, “Thy Word Network, more music, more ministry” station promo. Fair at times to very poor in station mix. Ex-WVHL. **(PS-ON)**
- WEBO NY **Owego** – 9/25 1908 – Over sports talk (likely WFNN Erie, PA) with local weather, “News Radio 1330 WEBO” ID into “Walking on Sunshine” by Katrina and the Waves. Format seems to be a curious mix of news-talk and oldies. **(MKB-ON)**
- 1340 WLEW MI **Bad Axe** – 10/5 1703 – Station promo: “Your number one source for news and weather in the Thumb area WLEW”; Nathan McLain news; breaking news, local news item that Verona Twp. trash pickup day has changed! Promo for Thumbnet.net. Well over graveyard mess. **(HF-MI)**
- WCHB MI **Royal Oak** – 10/4 0800 – Local noted with its new call letters and not quite legal ID: “AM 1340 Royal Oak – Detroit...the all new WCHB and online at wchb1340.com. Detroit's gospel station.” **(REH-ON)** *The Detroit-area station on 1200 that used to have WCHB calls and a mix of news-talk and Motown format became WMUZ, per [https://en.wikipedia.org/wiki/WMUZ\\_\(AM\)](https://en.wikipedia.org/wiki/WMUZ_(AM)) Mike.*
- WMSA NY **Massena** – 9/21 2155 – Call letter ID spoken slowly heard in jumble. Local WYCK nulled. New. **(HJH-PA)**
- 1350 WARF OH **Akron** – 9/22 1701 – Station promo: “Covering the state better than anybody can.” Akron/northeast Ohio sports. In and out of mix with religious station, probably WGDN Gladwin, MI. **(HF-MI)**
- 1360 WKMI MI **Kalamazoo** – 10/1 0700 – Over other talkers with “the conversation starts here, Talk Radio 1360 WKMI Kalamazoo” ToH ID into ABC news. **(MKB-ON)**
- 1370 WCCN WI **Neillsville** – 9/24 0035 – Oldies music, “Memories 1370” slogan, ads including Domine Automotive (located in Loyal, WI gave website as domineauto.com), mention of Wisconsin, more music, “Memories 1370 WCCN” ID at 0049. Fair to poor in station mix. No sign of usual WSPD and WTAB. **(PS-ON)**
- 1410 WING OH **Dayton** – 9/27 2135 – ID during break in Reds game: “Cincinnati Reds baseball on 14-10 WING ESPN Radio.” Mixing with UNID talkers in EE and FF. **(HF-MI)** *The French talk station is likely CJWI in Montreal. Mike.*
- 1440 WHKZ OH **Warren** – 9/29 2105 – Friday night high school football: “Warren G. Harding Football on WHKZ.” Good signal. **(HJH-PA)**
- 1460 WBRN MI **Big Rapids** – 10/2 1714 – Sean Hannity Show; Fox News Alert at 1730, Michigan News Network and “News Radio 14-60...WBRN” ID. Occasional fair peak over another talker and SS music. **(HF-MI)**
- WHIC NY **Rochester** – 10/2 2216 – “EWTN Radio” Open Line Monday call-in program; local Rochester prayer spot at 2256. Good peaks but in and out with CJOY and WBNS. **(HF-MI)**
- WBNS OH **Columbus** – 10/2 0014 – On top of the mess with sports talk, “Sports Radio 97.1 the Fan” slogan. **(HF-MI)**
- CJOY ON **Guelph** – 10/2 2029 – Popped up with CJOY.com website promo and oldies. Also heard “The Royal City’s greatest hits” slogan. **(HF-MI)**

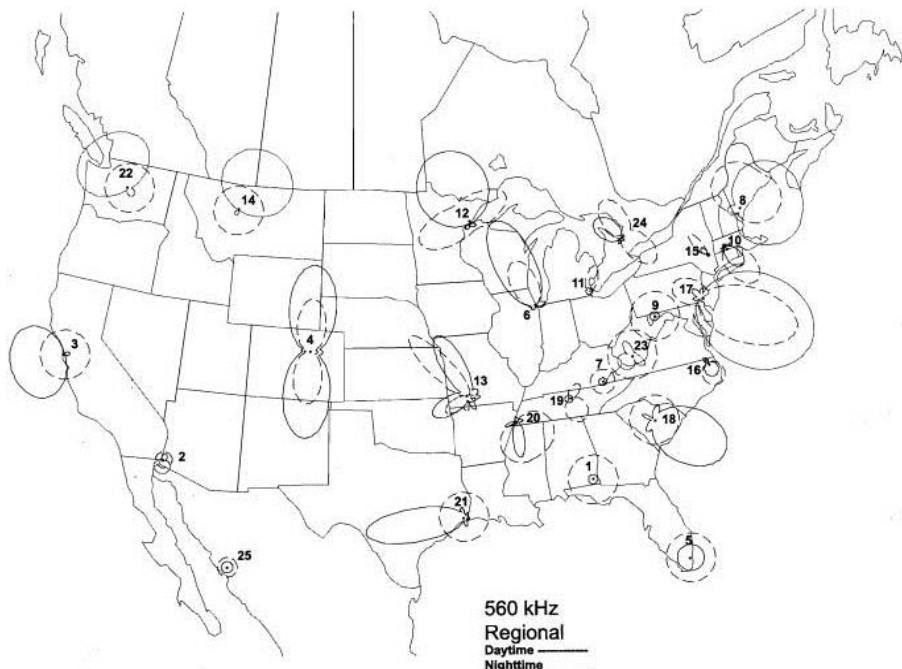


- 1510 WWSM PA **Annville-Cleona** – 10/1 2233 – Fair; ads, weather from the Keystone State Radio Network, and Real Country. Also noted 10/6 0100 – Over WLAC; news from the Keystone State Radio Network. This daytimer up all night. **(BC-NH)**
- KGA WA **Spokane** – 10/4 0700 – Promo for Spokane Chiefs hockey and legal ID: "Sports Radio 1510 KGA Spokane and online at 1510kga.com." Long time no hear. **(REH-ON)**
- +++ - 10/5 0400 – Over/under WLAC; "The hardest hits happen here, this is your home for Spokane Chiefs hockey all season long... on Sports Radio 1510 KGA Spokane..." into Fox sports. **(BC-NH)**
- 1550 WRHC FL **Coral Gables** – 9/22 2342 – Sounded like a call-in show in Spanish, male announcer answered call with "La Poderosa buenos noches," tropical style music, ads (Cantina La America), possible ToH ID in SS, mention of Miami, news, EE ID at 0008, "This is WWFE Miami..." followed by ID in SS, La Poderosa jingle. Fair at times over CBEF to very poor. Day power? // lapoderosa.com stream. **(PS-ON)**
- WITK PA **Pittston** – 9/23 2000 – In over others with SRN news on the hour, followed by religious program. **(LW-NY)**
- 1560 WGLB WI **Elm Grove** – 9/23 0500 – Under WFME; "WGLB AM 1560 Elm Grove-Milwaukee," and urban gospel music. **(BC-NH)**
- 1650 CJRS QC **Montréal** – 9/22 2100 – Good; contemporary gospel music, "1650 AM Montréal, vous écoutez la Radio Gospel." **(BC-NH)**



## NRC Antenna Pattern Book, 7th Edition

The 7th Edition of the *NRC Antenna Pattern Book* is now available. This all new edition prepared by NRC'er Paul Swearingen is an all-inclusive book of patterns for both Day and Night operation of stations in the USA, Canada and selected foreign stations. The data for the book comes from the 34th Edition of the *AM Radio Log* and NRC'er John Callerman's comprehensive Mexican station listing.



The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. There are 240 pages and the book has maps covering 530 through 1700 kHz depicting the lower USA, Canada and Mexico. Hawaii and Alaska are shown on separate maps at the of the book.

Price/ordering info: Same as for the *NRC AM Log* (see page 1). Colorado residents, please add 3.5% sales tax.



*DX News* is printed by

Peak Printing, Inc.  
716 S. 9th Street, Cañon City CO 81212  
(719) 275-2136 [info@peakprintingonline.com](mailto:info@peakprintingonline.com)  
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# International DX Digest

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For loggings of outside the U.S. and Canada

All times are Universal Coordinated Time (UTC)

## TRANS-ATLANTIC DX

- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi SEP 5 0400 – Parallel 549 with *Jil FM* ID; fair. SEP 29 2301 – Music, *Jil FM* mention by man parallel 549; fair.{A} [Connelly-MA]
- 549 **ALGERIA** *Jil FM*, Les Trembles SEP 5 0400 – Parallel 531 with *Jil FM* ID; fair. SEP 29 2301 – Music, *Jil FM* mention by man parallel 531; fair to good.{A} [Connelly-MA] OCT 1 0400 – Good; rap music, canned time marker with *Jil FM* ID by a woman, into contemporary vocal. [Conti-NH]
- 585 **SPAIN** *RNE1* Madrid OCT 3 0300 – Fair; usual marker and time checks into "Radio Nacional de España, servicios informativos." [Conti-NH]
- 603 **SPAIN** *RNE5* synchros SEP 29 2300 – 5+1 pips, fanfare music, *R.Nacional de España* ID at start of news; fair.{A} [Connelly-MA]
- 621 **CANARY ISLANDS//SPAIN** *RNE1* synchros SEP 10 2300 – Fast sports shouting, pips, news. [Connelly-MA]
- 677.496 **LIBYA** *Libya al-Wataniya*, Benghazi OCT 3 0300 – Het against local 680 WRKO Boston. [Conti-NH]
- 684 **SPAIN** *RNE1* Sevilla SEP 9 0300 – RNE news intro; through slop. [Connelly-MA] OCT 3 0259 – Fair; discussion by a man and woman leading up to time marker and news, parallel 585 kHz. [Conti-NH]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. SEP 24 0001 – Fair; promo by presenter, "...on the Five Live website right now," and ID, "This is BBC Five Live," time check into news. [Conti-NH]
- 774.164 **EGYPT** *ERTU* Abis SEP 24 0000 – Het against 774 Spain; measured 774.164 kHz. Frequency is variable, previously measured as high as 774.38 kHz. [Conti-NH]
- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott SEP 5 0400 – Koran; fair. SEP 11 0000 – Rustic North African tribal music; poor. [Connelly-MA]
- 855 **SPAIN** *RNE1* Murcia et al. SEP 5 0400 – 5+1 pips, RNE news intro; fair. [Connelly-MA]
- 864 **EGYPT** *ERTU* Santah SEP 23 2359 – Good; Koranic recitations through the hour. OCT 6 0300 – Fair; Koran. [Conti-NH]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford et al. SEP 24 2300 – *BBC R.Wales* ID, fanfare music followed by "Manic Monday" by the Bangles; fair through WCBS slop.{A} [Connelly-MA]
- 909 **UNITED KINGDOM** *BBC Radio 5* synchros SEP 5 0400 – Five Live ID, news; fair over WABK slop. [Connelly-MA]
- 954 **SPAIN** *Onda Cero*, Ctra Humera (Madrid) SEP 5 0400 – Spanish news; poor. [Connelly-MA]
- 981 **ALGERIA** *R.Algerienne*, Algiers SEP 5 0400 – Arabic male vocal; in slop. [Connelly-MA]
- 1044 **SPAIN** *SER* San Sebastian//Valladolid SEP 5 0400 – End of blues song parallel 1179; poor. [Connelly-MA]
- 1053 **UNITED KINGDOM** *TalkSport* synchros OCT 5 0200 – Poor to fair; promos, "...on TalkSport," parallel 1089 kHz. [Conti-NH]
- 1089 **UNITED KINGDOM** *TalkSport* synchros SEP 5 0400 – Bits of advert, tough slop. [Connelly-MA] SEP 24 0500 – Fair; presenter, "...here on TalkSport extra time." [Conti-NH] SEP 25 0000 – Promo for *TalkSport* afternoon drivetime show; fair.{A} [Connelly-MA]
- 1152 **ROMANIA** *R.România Actualitati*, Cluj OCT 5 0200 – Poor but atop Spain; "Hora exacta" and time marker into news. [Conti-NH]
- 1179 **CANARY ISLANDS//SPAIN** *SER* synchros SEP 5 0400 – 20 seconds of bluesy song, 5+1 pips, Cadena SER mention; fair. [Connelly-MA]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros SEP 5 0359 – *Absolute Radio* ID in talk by man; poor. [Connelly-MA] SEP 24 0301 – Good; canned ID, "Online, on mobile, and on digital radio, where real music matters, this is Absolute Radio," and news, "The main stories this hour..." [Conti-NH] SEP 25 0001 – End of Billy Idol "Rebel Yell," *Absolute Radio* ID; fair.{A} [Connelly-MA]
- 1296 **UNITED KINGDOM** *Radio XL*, Birmingham OCT 5 0300 – Poor; "...this is Radio XL" into news. [Conti-NH]
- 1305 **SPAIN** *RNE5* synchros SEP 5 0400 – RNE news intro; poor. [Connelly-MA]

- 1422 **ALGERIA** *R.Algérienne*, Algiers SEP 5 0400 – Pop Arabic vocal, pips with last one a higher pitch, a few words by man, then segment of a cappella male vocal; poor to fair. [Connelly-MA]
- 1503 **SPAIN** *RNE5 La Línea de Concepción//Piñeira* SEP 5 0401 – Spanish news; poor. [Connelly-MA]
- 1512 **SAUDI ARABIA** *SBC R.Quran*, Jeddah OCT 1 0258 – Good; man in Arabic, 0300 open carrier, 0301 carrier off. [Conti-NH]
- 1521 **SPAIN** *SER R.Castellón*, Ctra Valencia SEP 5 0400 – Cadena SER ID, woman and man with news parallel 1179; to fair peak. [Connelly-MA]
- 1530 **SAO TOME E PRINCIPE** *VOA Pinheira* SEP 12 0259 – Yankee Doodle sign-on music and Voice of America mention; over WCKY.{A} [Connelly-MA]
- 1566 **BENIN** *TWR Parakou* SEP 5 0400 – Man talking (probably Arabic); in slop. [Connelly-MA]
- 1602 **SPAIN** *SER synchros* SEP 5 0400 – Cadena SER ID, 5+1 pips, fanfare and talk with another ID; good.{A} [Connelly-MA] SEP 24 0500 – Fair with synchro echo; marker and time check, then heard weak local insert over the news intro music, possibly "Radio Ontinyent, Cadena Ser." [Conti-NH]

#### PAN-AMERICAN DX

- 530 **CUBA** *R.Enciclopedia*, La Habana-Villa María SEP 12 0000 – Usual top-of-hour instrumental samba music, Enciclopedia ID by woman; evenly mixed with Rebelde.{A} [Connelly-MA]
- 530 **CUBA** *R.Rebelde*, Caribe//Guantánamo-Antiguo SEP 12 0000 – Talk by man parallel 1180 et al.; mixed with *R.Enciclopedia*.{A} [Connelly-MA]
- 540 **DOMINICAN REPUBLIC** *Radio ABC*, Santo Domingo SEP 30 0458 – Fair; choral national anthem, then canned sign-on announcement by a woman. [Conti-NH]
- 540 **MEXICO** *XEWA Los 40*, San Luis Potosí SEP 30 0500 – Through WFLF and *R.Rebelde*; choral national anthem. [Conti-NH]
- 539.86 **NICARAGUA** *R.Corporación*, Managua SEP 24 1025 – Happened to be sitting on 540 kHz when this one came up with carrier at 1025, into audio seemingly mid-program from 1027 on a local Sunday morning. [Krueger-FL]
- 550 **COLOMBIA** *HJHF R.Nacional*, Marinilla SEP 12 0300 – Woman "Radio Nacional de Colombia" ID; good, dominant.{A} [Connelly-MA]
- 550 **VENEZUELA** *YVKE Mundial*, Caracas SEP 5 0400 – Venezuelan anthem; over WDEV. SEP 11 0000 – ID, "Mundial... musical de Venezuela"; fair. SEP 30 0000 – Mundial and Venezuela mentions; over others.{A} [Connelly-MA]
- 560 **CUBA** *R.Rebelde*, Ciego de Avila SEP 9 0400 – Cuban anthem; overwhelming domestics. [Connelly-MA]
- 570 **COLOMBIA** *HJND R.Nacional*, Bogotá SEP 12 0259 – *R.Nacional de Colombia* ID; over WMCA; typical *R.Reloj* seemingly absent (storm problem?).{A} [Connelly-MA]
- 580 **MEXICO** *XEFI Chihuahua*, Chih. SEP 15 1204 – Long version of anthem, finally ending at 1207 with ID's for XHFI 96.5 FM and XEFI 580 AM; thought I heard "Fiesta Mexicana," which would be a new slogan, but cannot be sure since copy was very poor, generally underneath XEMU. [Wilkins-CO]
- 580 **PUERTO RICO** *WKAQ San Juan* SEP 10 0000 – WKAQ ID's, TMobile incoming message sound; good. SEP 11 0000 – Man with "WKAQ cinco ochenta AM San Juan" ID and affiliates list, TMobile message sound effect, more ID's; good. SEP 30 0001 – WKAQ 580 AM San Juan ID and affiliates list; loud, apparently at full power.{A} [Connelly-MA]
- 590 **CUBA** *R.Musical Nacional*, La Julia OCT 1 0800 – Under WEZE; classical music through the hour. [Conti-NH]
- 590 **CUBA** *R.Rebelde*, Guantánamo-Berene SEP 9 0900 – *R.Rebelde* ID came up over WEZE.{A} [Connelly-MA] SEP 30 0400 – Under WEZE; sounder and news parallel 600 kHz. OCT 1 0400 – Under WEZE; choral national anthem parallel 600 kHz, then heard anthem from *R.Musical Nacional*. [Conti-NH]
- 600 **COLOMBIA** *HJHJ R.Libertad*, Barranquilla SEP 30 0000 – *R.Libertad* ID; briefly over Cuba.{A} [Connelly-MA]
- 600 **PUERTO RICO** *WYEL Mayagüez* SEP 10 0000 – Parallel 580 with WKAQ ID's, TMobile incoming message sound; good, apparent Colombia under. [Connelly-MA]
- 610 **BRAZIL** *ZYL268 R.Itatiaia*, Belo Horizonte SEP 12 0259 – Man in Portuguese with advert, phone number, jingles; good.{A} [Connelly-MA]



A rádio de Minas

- 620 **COLOMBIA** HJEL Cali//HJVP Cartagena SEP 11 0100 – Colombia/*Colmundo* ID at 7 seconds of audio clip during pause in storm coverage talk on WDAE Florida.{A} [Connelly-MA]
- 620 **MEXICO** XENK México, DF SEP 9 0900 – Per Fredrik Douren (RealDX), "XENK Radio 620, transmitiendo desde Durango 341, Colonia Roma en la capital Federal de la República Mexicana..."{A} [Connelly-MA]
- 630 **CUBA** *R.Progreso*, Camagüey-Isábel Hortensia SEP 9 0400 – Parallel 640; mixed with WUNO (and almost no WPRO). SEP 11 0100 – Old-style vocal parallel 640, 650; mixed with WPRO and WUNO. [Connelly-MA]
- 630 **PUERTO RICO** WUNO San Juan SEP 9 0358 – ID "NotiUno seis treinta"; alone on channel, some static.{A} SEP 10 0000 – Puerto Rico local advert; under WPRO. [Connelly-MA]
- 640 **CUBA** *R.Progreso*, La Habana-Guanabacoa//Las Tunas-Jobabo SEP 10 0000 – Woman and man parallel 650 kHz. [Connelly-MA] SEP 30 0459 – Excellent, local-like; promo, "Al Lado del Corazón, un programa con la música Cubana... todos los domingos por Radio Progreso, a las tres de la tarde," then canned ID with theme song, "Radio Progreso cadena nacional, la onda de la alegría, transmitiendo desde la Habana Cuba, primer territorio libre en América." [Conti-NH]
- 650 **CUBA** *R.Progreso*, Ciego de Avila SEP 10 0000 – Parallel 640; mixed with Colombia. [Connelly-MA]
- 660 **MEXICO** XECPR *R.Chan Santa Cruz*, Felipe Carillo Puerto, Q.Roo SEP 23 1030 – End of oldie Spanish vocal, female "Escucha... Radio Chan Santa Cruz..." into another 1940's era Spanish vocal. [Krueger-FL]
- 670 **CUBA** CMHW *Doblevé*, Santa Clara et al. SEP 24 0956 – Oldies music program ending with an instrumental Beatles song, full ID as normally heard on 840 (but only *R.Revolución* was heard on 840 at this time), several mentions of "Doblevé" and an "ocho-cuarenta AM." Could hear *R.Rebelde* and WWFE in Spanish under *Doblevé*. At one point they were in echo, so must have been on multiple transmitters. Also heard at 0700. Suspect feed error, but will watch for them here in the future. [Saylor-NC] SEP 29 0000 – *Rebelde* and *Doblevé* Cubans fighting it out, ID's for each.{A} [Connelly-MA] SEP 30 0900 – Fair, over/under *R.Rebelde*; canned ID, "Esta es Doblevé, desde Santa Clara, en el centro de Cuba." Likely using *R.Rebelde* facilities in Santa Clara (listed 50 kW) and perhaps other co-channel sites due to hurricane damage at the 840 transmitter site. [Conti-NH]
- 670 **VENEZUELA** YVLL *R.Rumbos*, Caracas SEP 11 0001 – NotiRumbos mention; in jumble. SEP 24 2302 – NotiRumbos slogan; fair, dominant.{A} [Connelly-MA]
- 680 **COLOMBIA** HJZO *R.Nacional*, Barranquilla SEP 12 0300 – Woman, "Radio Nacional de Colombia," talk by man; in the clear during a minute of dead air on WRKO.{A} [Connelly-MA]
- 690 **BRAZIL** ZYH587 *R.Shalom*, Fortaleza SEP 12 0300 – Portuguese religious talk as noted from this on other occasions. Thanks to Chuck Hutton (RealDX) for listening.{A} [Connelly-MA]
- 690 **COLOMBIA** HJ CZ, *W Radio*, Bogotá SEP 10 0000 – Talk parallel 700; mixed with *R.Progreso* Cuban. SEP 11 0100 – *W Radio* ID's parallel 700; over *R.Progreso*.{A} [Connelly-MA] OCT 5 0500 – Under CKGM, through *R.Progreso* Cuba; 5+1 time marker parallel 700 kHz. [Conti-NH]
- 690 **CUBA** *R.Progreso*, Santa Clara//Santiago de Cuba SEP 10 0000 – Talk parallel 640; mixed with Colombia. [Connelly-MA]
- 690 **MEXICO** XERG Monterrey, NL SEP 28 1100 – National anthem, followed by ID at 1102: "Esta es XERG-AM, RG La Deportiva..." as well as address, frequency, power (10 kW), and mention of 103.7 HD2; also "...una emisora de Multimedia"; a ranchera-style song followed, with both "Monterrey" and "Nuevo Leon" in the lyrics; chat followed with the program "Amanecer Deportivo," during which the announcer proudly proclaimed XERG to be "La major estación del mundo." Fair signal and on top for a short while. [Wilkins-CO]
- 700 **BRAZIL** ZYK686 *Nossa Radio*, São Paulo SEP 11 0002 – Portuguese preaching by man; noisy. SEP 29 2300 – *Nossa Radio* ID by man in Portuguese; fair, alone on channel.{A} [Connelly-MA]
- 700 **COLOMBIA** HJ CX, *W Radio*, Cali SEP 9 0900 – *W Radio* promo with segments of pop/disco songs. SEP 10 0000 – *W Radio* ID; over mess. SEP 11 0100 – *W Radio* ID's; dominant. SEP 30 0000 – *W Radio* ID; through slop from 710 Cuba.{A} [Connelly-MA] OCT 5 0900 – Through WLW; "Cuatro en la mañana" time check and marker, "Colombia del mundo" and "Buenos dias" into talk. [Conti-NH]

- 720 **COLOMBIA** HJAN *Emisoras Unidas*, Barranquilla SEP 29 0000 – ID "Emisoras Unidas, la primer emisora de Colombia"; fair. SEP 30 0000 – Tropical music, Barranquilla mentions, ID "Emisoras Unidas, tu mejor compania," mellow vocal; loud.{A} [Connelly-MA] OCT 3 0058 – Good; instrumental national anthem, then off, leaving WGN in clear. [Conti-NH]
- 720 **NICARAGUA** R.Católica, Managua SEP 24 1107 – Spanish male sermon. WRZN co-channel rapidly overtaking by this late time. [Krueger-FL] OCT 1 0400 – Fair, over WGN; preaching about palabra and corazón over soft instrumental music through the hour. [Conti-NH]
- 730 **COLOMBIA** HJCU Cadena Melodia, Bogotá SEP 11 0100 – Melodia Estereo ID, xylophone notes; mixed with R.*Progreso* Cuban. [Connelly-MA]
- 730 **CUBA** R.*Progreso*, La Fe SEP 9 0400 – Woman with R.*Progreso* ID parallel 640 et al.; mixed with WLTQ. SEP 9 0900 – Parallel 900 with ID, "Progreso, la onda de la alegría." [Connelly-MA]
- 740 **CUBA** R.*Angulo*, Sagua de Tánamo SEP 30 0000 – Spacey music, man with ID "Radio Angulo, transmitiendo desde Holguin, Cuba," then 6 note chimes, jingle.{A} [Connelly-MA] OCT 1 0400 – In mix with CFZM and CHCM; choral national anthem. [Conti-NH]
- 750 **VENEZUELA** YVKS RCR Caracas SEP 11 0100 – "RCR presenta Radio Universidad"; good. [Connelly-MA] OCT 1 0358 – Over WSB; "Marcha a Caracas" instrumental anthem, announcement, then operatic vocal national anthem. [Conti-NH]
- 760 **BRAZIL** ZYH588 R.*Uirapuru*, Fortaleza SEP 9 0301 – Man preaching in Portuguese, crowd sounds, calmer talk; over HJAJ. SEP 12 0301 – ID, "Radio Uirapuru AM, 760 kilohertz, Fortaleza, Ceara," flute intro to religious talk by man; loud, over Colombia.{A} [Connelly-MA]
- 760 **COLOMBIA** HJAJ, RCN, Barranquilla SEP 10 0001 – RCN ID, talk, 4 ascending tones, fanfare music, 4 beeps; over others. SEP 29 2359 – RCN ID's and repeated 4-ascending-notes attention signals; good.{A} [Connelly-MA] OCT 1 0501 – Over/under WJR; sounder and Banco Popular spot. [Conti-NH]
- 760 **CUBA** R.*Progreso*, Guane//Mayarí Arriba SEP 29 0400 – Over/under WJR; Reportero RP, canned ID, and choral national anthem. [Conti-NH]
- 770 **COLOMBIA** HJJX, RCN, Bogotá SEP 12 0259 – Parallel 760, 1000 et al. with ascending 4 notes, RCN ID; over Cuba and hardly any WABC.{A} [Connelly-MA]
- 770 **MEXICO** XEACH R.*Fórmula*, Monterrey, NL SEP 24 1056 – Ad string, male "Radio Fórmula... XEACH..." at 1057, anthem from 1058 UTC. Clear and fair. [Krueger-FL]
- 770 **MEXICO** XEREV Los Mochis, Sin. SEP 24 1222 – Suprema Corte de Justicia mandatory federal PSA, earthquake relief PSA, "Grupo Chávez Radio," loops southwest and 1225 rock music, so that makes it XEREV. Best XE signal holding up this late, our sunrise just now at 1221 UTC. [Hauser-OK]
- 780 **MEXICO** XEZN *Exa FM*, Celaya, Gto. SEP 24 1101 – Anthem in progress, female at 1102 "XEZN... Celaya..." into Spanish vocal. Poor. [Krueger-FL]
- 790 **CUBA** R.*Reloj*, Pinar del Río//Holguín SEP 30 0001 – R.*Reloj* ID, beeps in news program.{A} [Connelly-MA]
- 789.96 **MEXICO** XENT La Paz, BCS SEP 25 1228 – Mentions of La Paz and Radio Fórmula during an ad block; not much else discernible. Somewhat separable on LSB but rough copy. [Wilkins-CO]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk SEP 9 0300 – "Aqui Radio Transmundial, ochocientos AM, transmitiendo desde Bonaire, isla del caribe holandesa"; good.{A} At 0900 woman said "Buenas dias" then Bonaire and Radio Transmundial mentions; over jumble. SEP 11 0101 – Website "lavozalegre.com" mention, Fort Lauderdale, Florida mailing address; to good peak. [Connelly-MA]
- 800 **COLOMBIA** HJBW, RCN, Bucaramanga SEP 11 0100 – RCN 4 ascending notes; in jumble during quick PJB fade. [Connelly-MA]
- 810 **BAHAMAS** ZNS3 Freeport SEP 9 0901 – Parallel 1540 with children singing; under Colombia. SEP 11 0000 – Man talking about hurricane preparation steps, then music, Bahamas weather; dominant.{A} [Connelly-MA]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá SEP 9 0901 – Talk "Caracol Radio informa..."; good over Bahamas. SEP 10 0000 – *Caracol Radio* ID in screaming; dominant. [Connelly-MA]
- 820 **CUBA** R.*Reloj*, Ciego de Avila SEP 9 0901 – Parallel 980 with Cuba news/talk by woman and man, some wobble on carrier. [Connelly-MA]
- 820 **CUBA** R.*Progreso*, Rolo Monterrey SEP 11 0100 – Old-fashioned male vocal parallel 640; over WNYC. [Connelly-MA]

- 820 **CUBA** unID SEP 9 0359 – Sounded like a Radio Metropolitana ID; in jumble. [Connelly-MA]
- 840 **BRAZIL** ZYK687 *R.Bandeirantes*, São Paulo SEP 10 0000 – Pips, man in Portuguese with São Paulo mention; fair.{A} [Connelly-MA]
- 840 **COLOMBIA** HJKK Neiva SEP 10 0301 – ID by man, "HJ doble K, ochocientos cuarenta AM," jingle; fair.{A} [Connelly-MA]
- 840 **CUBA** *R.Revolución*, Palma Soriano SEP 10 0400 – *R.Revolución* ID, Cuban anthem; mixed with WHAS.{A} [Connelly-MA] OCT 1 0400 – Good; choral national anthem, ID, "Desde Santiago, ciudad héroe de la república de Cuba, CMKC Radio Revolución, cadena provincial," into media noche exitos. [Conti-NH]
- 840 **HAITI** *Radio-Télé 4VEH*, Cap Haitien-Petite Anse SEP 11 0100 – 5-note "Dashing through the Snow" interval signal at 0101:38, then 4VEH ID. [Connelly-MA] OCT 1 0858 – Over/under WHAS; African music, "Mizik Lakay" announcement in French. OCT 2 0202 – Fair; interval signal and ID, "Vous écoutez Radio 4VEH..." Signal prevalent with *Dobleveé* Cuba off the air. [Conti-NH]
- 860 **BRAZIL** ZYJ459 *Radio CBN*, Rio de Janeiro SEP 10 2359 – Fast Portuguese talk by man. [Connelly-MA]
- 860 **CURACAO** PJZ86 *R.Curom*, Willemstad SEP 11 0102 – Per Fredrik Douren (RealDX): "The jingle is Zed-86, so PJZ86 Curaçao."{A} [Connelly-MA]
- 860 unID SEP 29 1221 – Mexican music, ID over it as "La Compera" or something like that; DF from WSW/ENE which could put it in the U.S. rather than Mexico. KNAI Phoenix? That's *R.Campesina*, and this word has only three syllables. At 1224 definite time check for 5:24 a.m. = UTC-7 zone, which means it has to be Arizona, Sonora or BCN, as there are no such stations in California or Nevada, and "La Contrera"(?), plug for Mexico City earthquake aid. Sonora's 860 is XEHX Cd. Obregón, which is widely shown to be *La Mia*. BCN's is XEMO *La Poderosa*, Tijuana. So have any of these changed name? (There is/was a *La Campera* on 1320; XEJZ Cd. Jiménez, Chih.) Initially atop KKOW Kansas, making 2.7 Hz SAH, and losing out to its weekdaily polka/birthday spot at 1226 UTC. [Hauser-OK] I'm not sure what you had here on 860, Glenn, but XEHX is confirmed to be off per Facebook, and I find no changes for XEMO or KNAI. [Kazaross-IL]
- 870 **CUBA** *R.Reloj*, Baracoa-Van Van//Bueycito//Sancti Spíritus SEP 11 0000 – Good, some wobbling. [Connelly-MA]
- 870 **MEXICO** XETAR *La Voz de la Sierra Tarahumara*, Guachochi, Chih. SEP 23 1202 – Mexican national anthem performed a cappella by amateur children's choir, different version than heard on countless other stations. 1203 sign-on in Spanish and native languages, all of which have no alternative but to pronounce the call letters repeatedly in Spanish. 1205 plug parent org CDI with Jew's harp accompaniment. We are now in season to hear this 10 kW daytimer well at sign-on; our sunrise 1220, theirs 1257 UTC. [Hauser-OK]
- 900 **CUBA** *R.Progreso*, San Germán-Urbano Noris SEP 11 0000 – ID, "Radio Progreso, la emisora de la familia cubana"; over WCME Maine.{A} [Connelly-MA]
- 940 **MEXICO** XEQ *Ke Buena*, México, DF SEP 9 0900 – "Ke Buena en AM nueve cuarenta" and XEQ mentions; dominant over low growl.{A} [Connelly-MA]
- 940 **PUERTO RICO** WIPR San Juan SEP 11 0001 – Woman "WIPR nueve cuarenta AM"; over apparent Colombian. SEP 12 0000 – WIPR nueve cuarenta ID's by woman; loud.{A} [Connelly-MA]
- 960 **CUBA** *R.Reloj*, Guantánamo-La Piña SEP 9 0900 – Reloj format; dominant. [Connelly-MA]
- 970 **COLOMBIA** unID SEP 9 0400 – Possibly HJCI *Radio Red 970*, Bogotá, with 4 ascending note RCN attention signal slightly delayed from 1000; in jumble. [Connelly-MA]
- 980 **CUBA** *R.Reloj*, Rolo Monterrey SEP 9 0900 – Talk parallel 820; over WTEM. [Connelly-MA]
- 990 **COLOMBIA** HJCH, RCN, Medellin SEP 12 0000 – Attention signal of 4 ascending notes, RCN news intro fanfare; in jumble with *R.Guamá*. [Connelly-MA]
- 990 **CUBA** *R.Guamá*, Pinar del Río-Politécnico SEP 9 0900 – Xylophone attention signal, horn flourish, woman "Esta es Guamá"; over WNTP Philadelphia.{A} [Connelly-MA]
- 1000 **COLOMBIA** HJAQ, RCN, Cartagena SEP 9 0400 – RCN talk, 4 ascending note signal; over Cuba. [Connelly-MA]
- 1000 **VENEZUELA** YVNM *R.Caribeña Mil AM*, Morón SEP 9 0900 – Music then "Mil AM" spoken insert; mixed with other Latin American. Per Chuck Hutton on RealDX list, at :31 "en Mil AM" so likely Venezuela.{A} [Connelly-MA]
- 1020 **CUBA** *R.Reloj*, Victoria de las Tunas OCT 3 0100 – Over/under KDKA; political speech with ticker and RR code in the background. [Conti-NH]



- 1030 **MEXICO** XESDD *La Tremenda*, Ensenada, BC SEP 28 1300 – Man with ID: "XESDD La Tremenda Diez Treinta AM con planta transmisora... kilometro 46 (or 43) Carretera Tijuana-Ensenada en Puerto Nuevo, Baja California, México," followed by a few ads. Fair in KTWO null. [Wilkins-CO]
- 1040 **COLOMBIA** HJAI *R.Tropical*, Barranquilla SEP 12 0000 – Reverberated *R.Tropical* ID.{A} [Connelly-MA]
- 1040 **MEXICO** unID OCT 6 0900 – Over/under WCHR and CJMS; Ciudad de México, colonia, and informa in news/talk. [Conti-NH]
- 1039.62 **VENEZUELA** YVLB *La Voz de Carabobo*, Valencia SEP 11 0100 – Bits of music, strong het. [Connelly-MA]
- 1050 unID SEP 9 0300 – Radio Maradida(?) mention at about 21 seconds in Spanish talk during fade of usually-dominant WEPN.{A} [Connelly-MA]
- 1060 **CUBA** *Radio 26*, Jovellanos SEP 9 0401 – Cuban anthem; over KYW. SEP 11 0100 – Cuba news; mixed with other Spanish talk and domestics. [Connelly-MA]
- 1060 **MEXICO** XEEP *R.Educación*, México, DF SEP 9 0900 – Likely this with classical music through top-of-hour; over others. [Connelly-MA]
- 1070 **CUBA** unID SEP 9 0300 – Cubana mention in talk by woman.{A} [Connelly-MA]
- 1080 **CUBA** *R.Cadena Habana/R.Ciudad de la Habana*, La Habana-Villa María SEP 9 0400 – *R.Ciudad de la Habana* ID, Cuban anthem; under WTIC. [Connelly-MA]
- 1080 **HAITI** 4VRD *R.Nationale*, Port au Prince-Sarthes OCT 1 0457 – Heard tropical style music under WTIC with distinctive pan flutes and xylophone, more music, "Radio Nationale" ID at 0506 over song. Fair occasionally over WTIC to very poor. Parallel to Tune In stream. [Snider-ON]
- 1100 **COLOMBIA** HJAT *Caracol Radio*, Barranquilla SEP 10 0000 – "Ultima Hora Caracol" and "Caracol Radio informa" mentions.{A} SEP 11 0100 – *Caracol Radio* ID; slightly over other Latin Americans. [Connelly-MA]
- 1110 **CUBA** *R.Angulo*, Holguín SEP 11 0100 – Woman with storm related news parallel 740; under WBT. [Connelly-MA]
- 1130 unID SEP 24 0046 – Something in Spanish with romantic music, rough DF east/northeast-west/southwest, avoiding KWKH. Two Mexicans at that angle are XEHN Nogales, IRCA-listed as talk, and XEMOS *Extasis Digital*, Los Mochis. Those fit better than any Spanish 1130 in NRC AM Log, in California, Georgia, Tennessee, Texas. However, our sunset was only 0026 UTC, so probably too early for the northwest Mexicans or KSDO San Diego. How about WYXE Gallatin (Nashville), 2.3 kW daytimer, religious? [Hauser-OK]
- 1150 **CUBA** *R.Bayamo*, Bueycito SEP 9 0400 – Chimes, *R.Bayamo* ID; over WDEL.{A} [Connelly-MA]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena SEP 11 0100 – *Caracol Radio* ID; loud, over apparent Cuban. [Connelly-MA]
- 1180 **CUBA** *R.Rebelde*, multiple sites SEP 24 0045 – Versus sports station (Omaha?) and KFAQ IBOC, music here is parallel 5025 kHz, but can't detect any talk in the mix parallel 7365 *R.Martí*. I am reliably informed that the *R.Martí* facility at Vaca Key survived the recent atmospheric events with only minor damage, although not on air as yet, but reportedly will be shortly. [Hauser-OK]
- 1220 **BRAZIL** ZYJ458 *R.Globo*, Rio de Janeiro SEP 9 0300 – Globo ID in fast talk; under WHKW. [Connelly-MA]
- 1309.68 **COLOMBIA** HJAK *La Voz de la Patria Celestial*, Barranquilla SEP 9 0300 – *Patria Celestial* ID; fair on LSB.{A} [Connelly-MA]
- 1320 unID SEP 9 0259 – Bogotá mention at the beginning but not sure if that is significant.{A} [Connelly-MA]
- 1540 **BAHAMAS** ZNS1 Nassau SEP 9 0900 – Kids singing hymn parallel 810; through temporary dead air on WDCD. [Connelly-MA]
- 1550 **CUBA** *R.Rebelde*, multiple sites SEP 9 0400 – *R.Rebelde* ID in talk by man, Cuban anthem; dominant.{A} [Connelly-MA]
- 1580.15 unID SEP 10 0000 – Het growl. [Connelly-MA]

#### TRANS-PACIFIC DX

- 1098 **MARSHALL ISLANDS** V7AB Majuro SEP 24 1129-1134 – Good peaks with choral song ending and fading as a man talks in island language and peaking up for their national anthem with every note clearly audible! This has been audible at least weakly every morning that I've tried this September! [Kazaross-IL]

*Transpacific carrier search:* SEP 27 1227 – Nothing but 828 kHz, seems northwest, and maybe two signals beating. LSR was 1224 UTC. SEP 29 1209-1217 – A few minutes before sunrise here, all from

west/southwest, u.o.s: 774, 702, 828, 891, 1098-west, 1548 kHz. OCT 6 1226-1231 – 828 (two carriers?), 882, 1035, 1512 from west/southwest; 1098 west; 1566 northwest. Sunrise here 1231 UTC. [Hauser-OK]

### CONTRIBUTORS

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, cardioid-pattern SuperLoop 10m vert. by 11m horiz. (peak 165°, null 345°), cardioid-pattern SuperLoop 9m vert. by 20m horiz. (peak 90°, null 270°), {A} in entry indicates that audio can be accessed from link at [www.qsl.net/wa1ion/doc1/audio\\_2017.htm](http://www.qsl.net/wa1ion/doc1/audio_2017.htm).

Bruce Conti WPC1CAT, Nashua NH; WinRADiO Excalibur, MWDX-5, variable termination Super/Ewe antennas 15 x 23-m 60° northeast and 180° south.

Glenn Hauser, Enid OK; NRD-545 with ALA-330S or north/south not very long wire, DX-398 or PL-880 with internal antenna only, sometimes IC-R75 with ~100-ft east/west longwire.

Neil Kazaross, Barrington IL; Perseus and 100 x 21-ft Double Flag aimed due west.

Terry L. Krueger, Clearwater FL; NRD-535, IC-R75, longwires, active loop.

Brett Saylor, Raleigh NC; Perseus SDR and 18 x 40-ft SuperLoop at 180°.

Paul Snider, Welland ON; Elad FDM-S2, Pixel Pro 1B loop, MFJ-1020C as tuner.

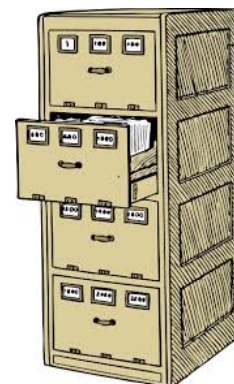
John Wilkins, Wheat Ridge CO; Drake R8, 4-foot box loop.

73 and Good DX!

## From the *DX News* archives ....

*Compiled by Ron Schiller.*

**75 Years Ago** – From the October 3, 1942 issue of *DX News*: Lloyd Staples (MA) outlined his shack's setup: Hallicrafters S20R, 75' attic antenna, & a 250' longwire, which enabled him to log 14 "K" stations one September morning. Ernest Cooper expects a decrease in DX Tests due to WWII and asked each member to write to 5 or 6 stations for a Test. Indiana's Bob Brown reports 6 members have 2KO (AU) veries; his says the first US report (in 1932) came when they were running 12 watts! KHMO CE says to enclose a one-cent stamp to receive their DX Test verie! Bud Kopp has 10 countries verified but is having trouble getting "thru the Censor in New Orleans" who tells him to mention "verification of radio program"! Sign of the times.



**50 Years Ago** – From the October 7, 1967 issue of *DX News*: 22 DX Tests were on the calendar from NRC, NNRC, & IRCA including 4 Canadians & YSF-840 El Salvador. Dominican Republic contributor Cesar Objio reports he's now MW Editor of the (W) Indies DXers Assn. WV's G. Harley DeLeurere 25 most recent veries included: Corsica-1498, Azores-1394, Gibraltar-1484, Cyprus-719, & Jordan-800. Miami, FL's Ron Schatz was stationed in the Navy at Vallejo, CA logging HI's KORL-650 & KIKI-850, and CMQ-640 (he can't escape them!). Ernest Cooper heard LT-8 Argentina with WCCO off (830). Worldwide Radio Club & Canadian IDXC jointly sponsored DX Contests with a "receiver handicap clause": points multiplied by number of tubes in your radio (from 4 to 13+).

**25 Years Ago** – From the October 19, 1992 issue of *DX News*: Eleven on the CPC Test Docket, headed by KBOA-830 MO & KNAK-540 UT. John Bowker's In the Beginning column listed 1934 complete: 1460 WJSV (VA) & KSTP (MN); 1470 WLAC (TN) & KGA (WA). 1130 in Detroit is now WWWW, a call formerly held by a Puerto Rican 1520 licensee, a mouthful in either English or Spanish. Charles Reh (ON-CA) gave his GY (Graveyard stations: (1230,1240,1340,1400,1450,1490) as an impressive 458. He DXed then with an R390A & a loop.

**10 Years Ago** – From the October 8, 2007 issue of *DX News*: 7 on the Station Test Calendar topped by WCXH-780 ME. HI dxe Richard Wood passed away at 67. Shawn Axelrod (MB-CA) surpassed the 2500 milestone on MW, using an ICOM-R70, Drake R8, loops & LWs. Barry McLarnon (ON-CA) counted 227 US stations using IBOC, out of approx 4750 AM stations. The 2007 Boise, ID convention had 31 registrants from 18 states & Canada.

### Follow @NRCDXNews on Twitter!

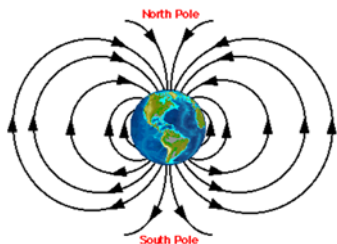


Twitter can be used to disseminate hot MW DX tips to the DX community

To read tips: go to [www.twitter.com](http://www.twitter.com) and search for #mwdx

To send tips, write a tweet (140 characters max) and include the tag #mwdx





# Geomagnetic Indices

Geomagnetic Summary September 2017

Via Phil Bytheway – Tabulated from email status daily (K = 0000 UTC).

Date	Flux	A	K	Space Weather	Date	Flux	A	K	Space Weather
9/ 1	93	19	4	no storms	9/16	72	30	4	moderate, G2
2	100	26	3	minor, G1	17	72	17	2	no storms
3	120	9	2	no storms	18	72	22	3	minor, G1
4	<b>183</b>	18	5	moderate, G1, R2	19	71	8	3	no storms
5	121	12	2	moderate, R1, S2	20	74	10	1	no storms
6	133	11	4	strong, R3, S2	21	73	7	2	no storms
7	129	38	<b>8</b>	<b>severe, G4, R3, S2</b>	22	78	5	2	no storms
8	117	<b>96</b>	5	severe, G4, R2, S2	23	81	5	2	no storms
9	107	6	1	minor, R1	24	87	6	3	no storms
10	100	7	4	strong, R3, S3	25	90	5	1	no storms
11	80	11	3	strong, S3	26	91	4	2	no storms
12	76	18	5	moderate, G1, S2	27	91	37	6	moderate, G2
13	75	15	0	minor, S1	28	91	55	5	strong, G3
14	74	25	4	moderate, G2, S1	29	90	12	2	no storms
15	73	36	5	minor, G1	9/30	89	16	3	no storms

Sx – Solar Radiation Storm Level / Gx – Geomagnetic Storm Level / Rx – Radio Blackouts Level.

**9/6. MAJOR X-CLASS SOLAR FLARE:** On Sept. 6th at 1202 UT, sunspot AR2673 unleashed a major X9.3-class solar flare – the strongest solar flare in more than a decade. X-rays and UV radiation from the blast ionized the top of Earth's atmosphere, causing a strong shortwave radio blackout over Europe, Africa and the Atlantic Ocean:

**9/10. X8.2 (R3-Strong) X-Ray Event** Observed at 10/1606 UTC. Published: Monday, September 11 2017 1958 UTC. An X8.2 X-Ray flare (R3-Strong radio blackout) occurred on 10 September at 1606 UTC (12:06 ET). The source region was Region 2673, now located just around the visible disk. This R3 event produced a rapid increase in relativistic proton levels which are currently above the S3 (strong) threshold. There was also an associated CME from this event. While a fast event, the CME was off the Sun-Earth line and is not expected to produce notable geoeffective impacts.

## DX Toolbox

Shawn Axelrod, 30 Becontree Bay, Winnipeg R2N 2X9 (Canada) [amandx@mymts.net](mailto:amandx@mymts.net)

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 97.

### The Way Back Machine Videos:

On the Air: The Story of Radio Broadcasting 1944 Westinghouse Radio Stations, Inc.

<https://www.youtube.com/watch?v=b1ba1Je9lAI>

This is a great history lesson on the beginning of radio including the radio stations and their antenna patterns and how they work sound effects and on and on.

Radio History: "Behind Your Radio Dial: The Story of NBC 1948"

[https://www.youtube.com/watch?v=Nz\\_fJPKVQpM](https://www.youtube.com/watch?v=Nz_fJPKVQpM)

Another good history lesson on how it all got started with close attention paid to NBC and its network. There are great scenes of the background work that kept the stations going such as the emergency pianist or the people doing surveys of listeners.

### Bits and Bites from the NRC listserv:

Here are some of the comments from members posted online regarding the untimely passing of Paul Swearingen:

From: Bob Antoniuk N2SU

Sorry to hear the news. Knew Paul from the conventions. A man who contributed a great deal to the DX hobby and will definitely be missed.

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From: Bob Gale

Most sincere condolences.

From: Kraig Krist, KG4LAC

Very sad news. My condolences to his family. I do hope Paul is now in a QRM free environment with 555 reception.

From: James Niven

This is sad news indeed! I knew Paul a long time; we would correspond when I was living in Australia and first met him at the Dallas convention in 2001 when I moved here to live, a good friend and great DX'er! He will be missed!

From: Patrick Martin

Wow! I had no idea Paul was that ill. I am so sorry to hear this. Rest in peace, my friend.

From: Russ Edmunds

I have known Paul for over 30 years, yet I knew that when he laid aside the hobby not that long ago that his condition had to be serious. He devoted a significant portion of his life to the hobby and the NRC. RIP.

From: Tom Dimeo AM@pa321.net

It was sad for me to hear about Paul. Never met him but have had various communications with him over the years. When the e-DXN site was put on the Internet I had trouble using my screen reader to sign up and Paul did it for me. Just one little thing he took the time to do. Does anybody have an index of all the DXAS issues? I'd like to go back and pick off all the comments Paul made on the magazine. I still have all the cassettes. Thank you, Tom

From: Mark Connelly, WA1ION

Paul was a great DX'er and certainly a hard worker in all the behind-the-scenes activity that kept DX bulletins going out on time with high quality material in loggings, technical, broadcast information, and member "musings" that added the valuable personal touches. Some in the hobby also knew of his teaching profession and his love of writing young-adult literature. He tried to maintain good grammatical standards in a world where English usage seems to get sloppier each year.

I joined NRC in 1972, about 12 years after I had started DX'ing. I joined IRCA shortly after that. Paul's name was already well known in the hobby at that point if I recall correctly.

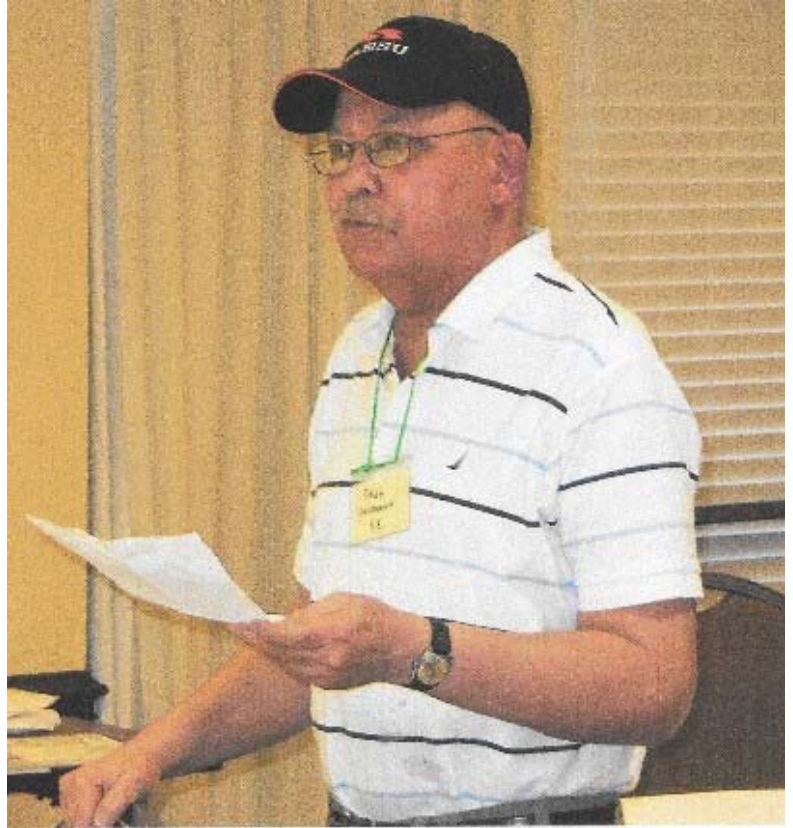
In about 2010, when I started connecting with DX'ers on Facebook, the ability of communications to spread out to a whole range of other topics came about. Prior to that, my mail and email with hobbyists was mostly about the hobby. This was especially true when dealing with list forums and club publications where straying off radio and onto chat about trains, cars, architecture, gardening, woodworking, etc. would meet disapproval.

As the Facebook age came about, Paul was one with whom I could correspond on many subjects outside of, or maybe just peripherally-related to, DX. We chatted photography, travel, and especially music. He and I discussed '60s entertainers that were pretty well known "back in the day" but are nearly forgotten now. Helen Shapiro in pop music and Richard & Mimi Farina in folk come to mind. We both agreed that spring / summer '67 was a peak era, perhaps THE peak era, of rock, folk, and soul music with pop, country, and jazz looking very good too. Paul knew of, and appreciated, the British and Celtic folk-rock groups that made a splash in the early to mid '70s, notably Fairport Convention and Steeleye Span: groups that were all but ruling my turntable (and radio, thanks to Cambridge's WCAS) at a time when most people were talking about disco.

I did meet Paul at one of the NRC conventions. Not sure if it was early '70s Cambridge, MA, one of the '80s ones (NJ, CT), or Nashua, NH in '94. He seemed easy going and not one to goad people into annoying rancorous arguments about politics or religion. When I hooked up with him on Facebook, this mellow + intelligent aspect of his personality continued to shine.

He will be missed. Maybe he's having a cup of java (or glass of beer?) in front of a celestial R-390A in the company of so many other great DX'ers who went before. R.I.P., Paul.

From: Rick Dau



Mark, it was probably one of the 80s conventions where you met him. I believe he told me on several occasions that the Lincoln, NE convention (1977) was the first one he attended, and I think he told me that he first joined the NRC about 2 years prior to that. Unless someone else recalls differently, he was at every NRC convention after 1977, and I first met him at the one that he co-hosted with Todd Brandenburg and Skip & Buddy Dabelstein in Topeka in 1989 (first convention I attended). Paul, as is well-known, had a large collection of coffee cups/mugs with radio station logos on them that he acquired through convention auctions. I hope those are headed to a good home now, because I sure would hate to see those get thrown away.

From: Mark Durenberger

I wonder how many folks knew Paul wrote "teens" adventure books? Cheers!

From: Shawn Axelrod

It is nice to see everyone sharing their thoughts about him. I was lucky enough to meet him last September at the KC convention. He was such a nice man and a great DX'er. I will miss him and his guidance. I hope wherever he is now the DX is great that all the stations ID every 10 minutes.

Gone but never forgotten.

From: Les Rayburn, N1LF les@highnoonfilm.com

Re: Ask Hank, He Knows

As a boy, I loved reading the "Ask Hank, He Knows!" columns in Elementary Electronics and Communications World. The author was "Hank Scott" but I was never certain if that was a pen name or not. Anyone know what became of Hank Scott?

### Interpretation of DX Data

I received this question from Guy Kudlemyer in Springfield OR, and hope that some of you more technically minded readers can help out. I can publish answers here, or you can contact Guy directly at gwkuddles@comcast.net.

Guy writes: "The [tivodxer.com](http://tivodxer.com) website offers several graphs detailing recent past, current, and predictive DX'ing indices that might allow DX'ers opportunities to exploit possible DX openings, or to at least remain cognizant of current conditions. See: [http://tivodxer.com/jpgraph\\_example\\_multigraph1.php](http://tivodxer.com/jpgraph_example_multigraph1.php)

"While the raw data itself is marginally helpful, it would be more beneficial if someone who subscribed to these data to interpret it in order for beginning or less techno-savvy individuals to know what these data mean in layman's terms. Is there somebody in the NRC DX'ing world reading your column in DX News who could offer a few clues on how to interpret these charts so that we all could achieve maximum benefit from their use? We might all benefit if we knew what information these charts contain, and how they affect our abilities to detect distant BCB stations."

73 for this time Shawn

**Remember On A Clear Day You Can Hear Forever**

**Convention:** If you have any interest in considering whether to make a bid to host the convention next year, please contact Ernie Wesolowski at NEErnieW@yahoo.com or 13312 Westwood Lane, Omaha, NE 68144-3543.

## Unreported Domestic Stations

No new stations reported to DDXD this issue for the first time since at least 1999-2000 (Volume 67). So, we hold at 408 currently licensed stations in the United States and Canada that haven't been reported in DDXD during this period.

### MEMBERSHIP RENEWALS

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DX News is printed by Peak Printing – 716 South 9th Street – Cañon City CO 81212 – (719) 275-2136 – <[info@peakprintingonline.com](mailto:info@peakprintingonline.com)>

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